



**ENGINEERING OPERATIONS COMMITTEE
MEETING MINUTES
JUNE 4, 1998, 9:00 A.M.
EXECUTIVE CONFERENCE ROOM**

Present: C. T. Maki J. D. Culp C. Roberts
P. F. Miller J. D. O'Doherty T. E. Davies
J. W. Reincke T. Fort M. H. Frankhouse
S. Bower

Guest: D. L. Smiley L. Galehouse G. Mayes
W. Thompson J. T. LaVoy C. Bleech

The July EOC meeting is canceled. The next meeting will be Thursday, August 6, 1998.

OLD BUSINESS

1. Approval of the Minutes of the May 7, 1998, Meeting - C. T. Maki

Minutes of the May 7, 1998, meeting were approved with changes as noted:

OLD BUSINESS: Item 1 (As Written), Minutes of the May 7, 1998, meeting were approved as written.

(As Revised) Minutes of the April 2, 1998, meeting were approved as written.

**2. Construction/Paving Industry Requests for Pavement Management Data - P. F. Miller/
S. Bower**

The meeting with Mr. Maki has not occurred. Item was tabled until a future EOC meeting.

**3. 1999 Capital Preventive Maintenance Program (Attachment) - P. F. Miller/L.
Galehouse**

Larry Galehouse reviewed the program including the three work category definitions. The table (handout) showed the historical funding for each category since 1992. For 1998, the funding breakdown will be as follows:

Category 1 - Crack and Joint Sealing	17 Percent
Category 2 - Surface Seals	31 Percent
Category 3 - Functional Pavement Enhancements	42 Percent

The purpose of the program is not to fix poor pavements, but to maintain the condition of the fair and good ones. We must use the right fix for the problem. From the regional perspective, the issue is programmatic. Regions have the flexibility to move up to 30 percent between categories, but this will not solve the problem they face in meeting long term

pavement management strategies. The program needs more money. Thom Davies also noted that goals and strategies must drive the program.

ACTION: Tom Maki initiated a team to review Preventive Maintenance (PM) strategies and to propose a new policy for the PM program, including funding changes. The proposed committee will include Steve Bower (Chair), Dave Smiley, Larry Galehouse, Jon Galbreath (Planning), and two or three regional representatives (tentatively Tony Kratofil, Bob Ranck, and Rita Screws). The committee will report back to the EOC at the August 6th meeting.

On a related issue, there was discussion about the \$3 million Interim Maintenance program for short term emergency fixes.

ACTION: Cal Roberts will bring the current Interim Maintenance Program details back to the EOC at the next meeting (August).

4. **Raised Pavement Marker Policy - J. D. O'Doherty**

The draft guidelines have been reviewed and all comments received. The Traffic and Safety Division's region liaisons, Ernie Savas and Larry Tibbits, proposed a few changes which the committee agreed upon. Officially, the document will be a guideline, not a policy.

ACTION: The Raised Pavement Marker Guideline was approved with the changes cited by region review. The Traffic and Safety Division will distribute the guideline as appropriate.

NEW BUSINESS

1. **St. Johns Test Section Proposal With Unsealed Joints - D. L. Smiley**

The proposal to include this test section on the US-27/St. Johns project is withdrawn. Another candidate project will be sought.

2. **Jointed Plain Concrete Pavement (JPCP) as MDOT's New Standard - D. L. Smiley/
S. Bower**

JPCP is not new to Michigan, nor is it an experimental pavement design. The department has constructed it in the past and most other states use it as their standard rigid pavement.

An open discussion took place regarding the merits of adopting JPCP as MDOT's standard design. However, with only about 25 lane miles being in service since EOC approval in 1995 to monitor performance, there is insufficient data and mixed field experience on JPCP performance to support a change in rigid pavement type.

Therefore, the proposal will not be adopted at this time. Further discussions and consideration to adopt JPCP as our standard pavement design will continue as performance data and field experience dictate.

3. **Proposed Transportation Materials Research Center (TMRC) - J. W. Reincke/
G. Dewey (MTU)**

The proposed Center of Excellence at Michigan Technological University (MTU) will be our fifth center funded under the State Planning and Research Program. The other centers have provided the department with research services meeting our most current operational needs. The department continues to experience materials problems; nationally, material related distress is a major focus area. The proposal to establish and fund the TMRC will strengthen our ability to improve the performance of materials, extend service life, and provide improved preventative maintenance materials, processes, and products.

ACTION: The EOC approves the establishment and support of the TMRC at MTU as the department's fifth research center of excellence.

4. **Report, 1997 Superpave Projects Field Review - M. Frankhouse/G. Mayes**

The Superpave Implementation Team monitored all of the 1997 Superpave Projects. The Executive Summary of their report was reviewed. Eleven recommendations were made and follow-up to each one will occur.

ACTION: The report was accepted. The report will be distributed to staff and industry. The Bituminous Advisory Committee will evaluate the recommendations for implementation. A review team will continue to monitor and evaluate Superpave projects for this construction season.

(Signed Copy on File at C&T/Secondary)
Jon W. Reincke, Secretary
Engineering Operations Committee

JWR:kat

cc: EOC Members
Region Engineers

J. R. DeSana	R. J. Risser, Jr. (MCPA)	G. L. Mitchell	B. Richter
R. J. Lippert, Jr.	A. C. Milo (MRBA)	J. Ruszkowski	R. D. Till
D. L. Smiley	J. Becsey (MAPA)	C. Libiran	M. Frierson
M. Nystrom (AUC)	D. Hollingsworth (MCA)	G. J. Bukoski	C. W. Whiteside
M. Newman (MAA)	J. Steele (FHWA)	K. Rothwell	M. P. Krause